



SN-US035207

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
Masahiro YAMANAKA et al. :  
Serial No.: 10/773,243 :  
Filed: February 29, 2004 :  
For: BICYCLE CRANK ASSEMBLY :

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants bring the references listed on the attached PTO-1449-Form to the Examiner's attention and request that they be considered and made of record in this application. Copies of the non-English references are attached. This Information Disclosure Statement is being filed within three (3) months of the filing date of this application. Thus, ***no fee is believed to be due for this Information Disclosure Statement.*** However, the Commissioner is authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 50-1836. A duplicate copy of this Statement is enclosed for that purpose.

Japanese Laid-Open Utility Model Patent Publication No. 51-6653 appears to disclose a crank arm 1 with a sprocket or gear is crimped on to the crank arm 1. A bolt attaches the crank arm 1 to the axle 2.

Japanese Laid-Open Utility Model Patent Publication No. 51-6654 appears to disclose a sprocket or gear G that is attached to a crank arm 1 by crimping the crank arm 1.

Japanese Laid-Open Utility Model Patent Publication No. 51-7856 appears to disclose a crank arm 3 that is attached to the axle 2 by a bolt 5.

Japanese Laid-Open Utility Model Patent Publication No. 53-1708 appears to disclose a crank arm 1 that is crimped onto the axle 2 and that has a sprocket or gear 7 attached there to by crimping.

\* \* \*

Prompt examination on the merits is respectfully requested.

Respectfully submitted,



David L. Tarnoff  
Reg. No. 32,383

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**Complete if Known**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/773,243
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Filing Date	February 29, 2004
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First Named Inventor	Masahiro YAMANAKA
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Group Art Unit

Examiner Name

Attorney Docket Number	SN-US035207
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Sheet  
APR 05 2004  
PATENT & TRADEMARK OFFICE  
Examiner  
Initials \*

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.